

Alfreton Urban District Council.

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ANNUAL REPORT

**Of Medical Officer of Health and
Sanitary Inspector**

For Year 1943.

**To which is added certain details
by the Surveyor for the same Year.**

SYDNEY O. BINGHAM, M.R.C.S., L.R.C.P.,
Medical Officer of Health.

REGINALD F. WARD, M.I.M.C.E.,
Surveyor and Water Engineer.

ERNEST MERCER, M.R.S.I., M.S.I.A.,
Sanitary Inspector and Cleansing Superintendent.



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The Alferton Urban District Council.

ANNUAL REPORT.

Public Health Committee :

COUNCILLOR G. W. HARDY (Chairman).

Members : All the Members of the Council.

PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health.

*Dr. S. O. BINGHAM, M.R.C.S., L.R.C.P.

District Medical Officer under the Poor Law Acts,
and Public Vaccinator :

DR. W. J. PHILLIPS.

Sanitary Inspector and Cleansing Superintendent :

*E. MERCER. M.R.S.I., M.S.I.A.,

(Cert. for Meat and Food Inspection).

Shops Acts Inspector :

G. HOLLINGSWORTH.

Disinfector :

T. BURNHAM.

Clerk and Shorthand Typist :

MISS J. SPENCER.

*Exchequer grant Contributions to Salary.

Alfreton Urban District Council.

Chairman : Councillor C. A. M. OAKES, J.P.

Vice-Chairman : Councillor C. H. BISHOP.

ALFRETON WARD.

Date elected

1938	Councillor C. H. BISHOP.
1921	„ G. W. HARDY.
1926	„ F. LEE.
1939	„ H. H. NEWTON.
1937	„ J. G. PURDY.
1919	„ J. VARLEY.

SOMERCOTES AND RIDDINGS WARD.

1938	Councillor H. BRADSHAW.
1936	„ J. CLARKE.
1941	„ A. GENT.
1935	„ C. A. M. OAKES.
1943	„ D. SKELTON.
1940	„ MRS. E. WEBB.

SWANWICK WARD.

1931	Councillor J. W. BLOWER.
1934	„ G. J. BOWLER.
1938	„ E. SKELTON.

IRONVILLE WARD.

1934	Councillor MRS. P. GRAINGER.
1938	„ MRS. M. E. GODDARD.

The Council meets on the first Tuesday of each month,
at 6.30 p.m.

DERBYSHIRE COUNTY COUNCIL.

SCHOOL CLINIC, GRANGE STREET, ALFRETON.

Infant Welfare Centre—Every Tuesday, 10 a.m. to 12 noon, 1.30 p.m. to 4 p.m. Doctor attends first and third Tuesday of each month, 2 p.m. to 4 p.m.

Anti-Natal Clinic—Second and fourth Friday morning of each month, 9 a.m. to 12.30 p.m. Doctor Forbes.

Tuberculosis Dispensary—Every Thursday, 9.30 a.m. to 12.30 p.m., 2 p.m. to 4 p.m. Doctor Kingston. New cases must be referred by own Doctor.

Eye Clinic—First Friday and second Wednesday of each month, 10 a.m. to 12.30 p.m., 1.30 to 4 p.m. Children only examined by appointment made through County Medical Officer.

Orthopædic Clinic—Every Thursday, 9 a.m. to 12.30 p.m., 1.30 to 4 p.m. Children examined by appointment through County Medical Officer. Doctor Grierson attends third Thursday of each month.

Dental Clinic—Monday, Wednesday and Saturday morning, 9 a.m. to 12.30 p.m., 1.30 to 4 p.m. Saturday, 9 a.m. to 12 noon. Appointment through School Dentist or County Medical Officer. From August 1st the School Dentist will attend daily, 9 a.m. to 12.30 p.m., 1.30 to 4 p.m. Saturday, 9 a.m. to 12 noon.

Minor Ailment Clinic—

Short Sessions—For minor ailments (e.g., impetigo, septic sores, slight injuries, etc.), Tuesday and Thursday, 9 a.m. to 10 a.m.

Long Sessions—Saturdays, 9.30 a.m. to 12 noon. Doctor in attendance, 2nd, 3rd, 4th and 5th Saturdays.

Child Guidance Clinic—Second Monday of each month, 10 a.m. to 12 noon, 2 p.m. to 4 p.m. Doctor Bryan in attendance. Appointment through County Medical Officer.

SOMERCOTES CLINIC. Wesleyan Chapel, Nottingham Road.

Second and fourth Monday of each month, 1.30 p.m. to 4 p.m.
Doctor Pooler in attendance.

RIDDINGS CLINIC. Congregational Church Hall.

First and third Monday of each month, 1.30 p.m. to 4 p.m.
Doctor Pooler in attendance.

The above information is supplied in accordance with the request of the Public Health Committee at their Meeting on Monday, the 23rd August, 1943.

E. MERCER, Sanitary Inspector.

Annual Report of the Medical Officer of Health

For the Year 1943.

Public Health Department,
Cornhill House,
Alfreton,
August, 1944.

*To the Chairman and Members of the Urban District Council
of Alfreton.*

Ladies and Gentlemen,

Herewith I present to you my Annual Report for the year 1943. As instructed by the Ministry of Health, it is on lines similar to that presented last year. References to such matters as population, developments of local industries, and changes in character, and occupation of the inhabitants are not considered.

The matters dealt with are chiefly local statistics, the prevalence of disease, and the health of the community as a whole.

SECTION A.

Statistics and Social Conditions.

Area in Acres: Land, 4,947; Water, 49; Total, 4,996.

Rateable Value: Alfreton, £89,185; Codnor Park, £3,710; Total, £92,895.

Sum represented by 1d. rate, £356 (net).

Vital Statistics.

For Infant Mortality and Birth
Rate.

	M.	F.	Total.
Live Births—Total ...	208	185	393
Legitimate	199	173	372
Illegitimate	9	12	21
Still Births—Total ...	8	8	16
Legitimate	8	8	16
Illegitimate	—	—	—

Deaths of Infants under one year of age :

Total ...	10	7	17
Legitimate	10	6	16
Illegitimate	—	1	1
Deaths all ages	114	103	217

The Birth Rate is higher than that of England and Wales, and equals that of towns having a similar population.

The Death Rate is less than that of England and Wales, and of towns with a similar population.

The Death Rate for Infants under one year of age is 43.2. This is smaller than the rates for either England and Wales or the towns, but slightly larger than last year.

							Rate per 1,000 total (live and still) births
Puerperal cases	...	1					2.44
		England and Wales					11.68
		Towns	...	...	...		15.11
							Deaths.
Deaths from Cancer	...	...	...	...	...	...	30
„ „ Measles	...	...	...	...	...	...	0
„ „ Whooping Cough	...	...	...	...	...	...	0
„ „ Diarrhoea (under two years of age)	...	...	...	...	...	...	2

The number of births has risen from 387 to 393.

The number of deaths under one year has fallen from 19 to 17.

The population is estimated to have fallen slightly.

SOCIAL CONDITIONS OF THE AREA.

Chief Industries :—Coal Mining, Iron Foundries, Chemical Works, Agriculture, Textiles, Railways.

SECTION B.

General Provision of Health Services for the Area.

No Change.

SECTION C.

Sanitary Circumstances of the Area.

These matters are dealt with in the Reports of the Sanitary Inspector and Surveyor.

SECTION D.

SECTION E.

Housing : Housing Statistics. Inspection and Supervision of Food.
(See Sanitary Inspector's Report).

SECTION F.

Prevalence of, and control over, Infectious and other Diseases.

The incidence of Notifiable Infectious Diseases has been small with no Mortality, except eight deaths from Tuberculosis.

Measles was very prevalent, but was of a mild type.

There is no abnormal prevalence of any disease in the District.

The Isolation Hospital has been used generally for cases of Scarlet Fever and Diphtheria.

At 31st March, 1944, the following treatments have been given at the Scabies Clinic, West Street, Riddings.

Patients from: Alfreton U.D.C.	Ripley U.D.C.	Heanor U.D.C.
1614	1521	65

Diphtheria.

There were 7 cases of Diphtheria during the year from the following Wards:—

Alfreton ...	...	...	...	2
Somercotes	...	...	...	3
Riddings	...	...	...	2
				<hr/>
				7

Diphtheria Immunisation.

A high percentage of children were immunised during the year. Anti-toxin was supplied free to all Medical Practitioners.

	Age under 5 years.	Age 5 years and over, but under 15.	Total.
At 30th June, 1944:	1294	2953	4247
	77.8%	94.1%	
Estimated Child Population ...	1663	3136	4799

INFECTIOUS DISEASES.

Cases notified during 1943.

	Notified.	Number of cases Removed to Hospital.	Deaths.
Tuberculosis—Pulmonary ...	10	0	8
do. —Other Forms	14	1	
Small Pox—			
No. vaccinated and re-vaccinated	0		
No. vaccinated in infancy	0		
No. unvaccinated	0		
Scarlet Fever ...	25	19	—
Diphtheria ...	7	6	—
Enteric (Typhoid) Fever ...	—	—	—
Puerperal Pyrexia ...	1	—	—
Cerebro-spinal fever ...	1	—	—
Erysipelas ...	6	—	—
Ophthalmia Neonatorum ...	1	—	—
Encephalitis Lethargica ...	—	—	—
Acute Polio-Myelitis ...	—	—	—
Pneumonia ...	24	—	—
Measles ...	211	—	—
Whooping Cough ...	8	—	—
Other diseases:—			
	308	26	8

Cases of Notifiable Diseases at varying stages during 1943.

Disease.	Years—under	1	1	2	3	4	5	10	15	20	35	45	60	Ttl.
Tuberculosis														
Pulmonary ..	0	0	0	0	0	0	0	0	0	1	4	1	4	10
Non-Pulmonary	1	0	0	0	0	0	0	3	1	2	6	1	0	14
Scarlet Fever ..	0	0	0	1	2	3	7	8	2	2	0	0	0	25
Diphtheria ..	0	0	0	0	0	0	2	0	1	2	1	1	1	7
Puerperal Pyrexia ..	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Cerebro-Spinal Fever	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Erysipelas ..	0	0	0	0	0	0	0	0	0	1	1	2	2	6
Pneumonia ..	2	1	2	0	0	1	2	0	2	5	2	7	7	24
Measles ..	7	14	28	27	22	45	63	4	1	0	0	0	0	211
Whooping Cough ..	1	1	1	1	1	1	1	0	0	1	0	0	0	8
Other Diseases	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Totals ..	12	16	31	29	25	50	78	13	11	21	7	15	308	

FACTORIES ACT, 1937.

1.—Inspection of Factories, Workshops and Workplaces, including inspections made by the Sanitary Inspector :—

	No. of Inspections.	No. of Written Notices.	Occupiers Prosecuted.
Factories (including Factory Laundries)	59	8	0
Workshops (including Workshop Laundries)	31	5	0
Workplaces (including Outworkers' Premises)	1	1	0
	<hr/> 91	<hr/> 14	<hr/> 0

2.—Defects in Factories, Workshops and Workplaces.
Nuisances under the Public Health Acts :—

	No. of defects found.	No. of defects remedied.
Want of Cleanliness	8	8
Insufficient closet accommodation ...	0	0
Washing facilities	0	0
Separation of sexes	0	0
Inadequacy of means of escape in case of fire	0	0
	<hr/>	<hr/>
Total ...	8	8

Outwork in Unwholesome Premises :—

Nature of work.	Instances.
Lace, lace curtains and nets	147

SYDNEY O. BINGHAM,

Medical Officer of Health.

ALFRETON URBAN DISTRICT.

Causes of Death (Civilians only)					Males.	Females.	Total.
All Causes	...	...	...	...	114	103	217
1 Typhoid and Paratyphoid Fevers	...			...	—	—	—
2 Measles	...	...	...	...	—	—	—
3 Scarlet Fever	...	...	...	...	—	—	—
4 Whooping Cough	...	...	...	...	—	—	—
5 Diphtheria	...	...	...	...	—	—	—
6 Influenza	...	...	...	...	6	1	7
7 Encephalitis Lethargica	...	...	...	...	—	—	—
8 Cerebro-spinal Fever	...	...	...	...	—	—	—
9 Tuberculosis of Respiratory System	...			...	3	5	8
10 Other Tuberculous Diseases	...	...	...	...	—	2	2
11 Syphilis	...	...	...	...	2	—	2
12 Acute Polio Myelitis and Encephalitis	...			...	—	—	—
13 Cancer, Malignant Disease	...	...	...	...	15	15	30
14 Diabetes	...	...	...	...	—	2	2
15 Cerebral Hæmorrhage, &c.	...	...	...	...	7	18	25
16 Heart Disease	...	...	...	...	25	25	50
17 Aneurysm	...	...	...	...	—	—	—
18 Other Circulatory Diseases	...	...	...	...	5	3	8
19 Bronchitis	...	...	...	...	14	4	18
20 Pneumonia (all forms)	...	...	...	...	2	3	5
21 Other Respiratory Diseases	...	...	...	...	3	—	3
22 Peptic ulcer	...	...	...	...	—	—	—
23 Diarrhœa, &c. (under 2 years)	...	...	...	...	2	—	2
24 Appendicitis	...	...	...	...	—	—	—
25 Cirrhosis of Liver	...	...	...	...	—	—	—
26 Other Diseases of Liver, etc.	...	...	...	...	—	—	—
27 Other digestive diseases	...	...	...	...	1	3	4
28 Acute and Chronic Nephritis	...	...	...	...	1	1	2
29 Puerperal Sepsis	...	...	...	...	—	—	—
30 Other puerperal causes	...	...	...	...	—	2	2
31 Premature Birth	...	...	...	...	3	1	4
32 Congenital Debility and Malformation	...	...	...	...	4	2	6
33 Suicide	...	...	...	...	1	1	2
34 Other Deaths from Violence	...	...	...	...	4	2	6
35 Road Traffic Accidents...	...	...	...	...	1	—	1
36 All other Causes	...	...	...	...	15	13	28

S.D.55.

Birth Rates, Civilian Death Rates, Analysis of Mortality, Maternal Mortality and Case Rates for certain Infectious Diseases in the year 1943. (England and Wales, London, 126 Great Towns, and 148 Smaller Towns

(Provisional Figures based on Weekly and Quarterly Returns).

	England and Wales	126 County Boro's and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Administrative County
Births.	Rates per 1,000 Civilian Population			
Live	16·5	18·6	19·4	15·8
Still	0·51	0·63	0·61	0·45
Deaths.				
All Causes... ..	12·1	14·2	12·7	15·0
Typhoid and Paratyphoid Fevers	—	—	—	—
Scarlet Fever ...	—	—	—	—
Whooping Cough ...	0·03	0·03	0·03	0·03
Diphtheria... ..	0·03	0·04	0·04	0·02
Influenza	0·37	0·36	0·37	0·27
Small Pox	—	—	—	—
Measles	0·02	0·02	0·02	0·02
Rates per 1,000 Live Births				
Deaths under 1 year of age	49	58	46	58
Deaths from Diarrhoea & Enteritis under 2 years of age	5·3	7·9	4·4	10·4
Notifications.	Rates per 1,000 Civilian Population			
Typhoid Fever ...	0·01	0·01	0·02	0·01
Paratyphoid Fever ...	0·01	0·01	0·0	0·01
Cerebro Spinal Fever ...	0·08	0·10	0·06	0·09
Scarlet Fever ...	3·01	3·29	3·54	3·80
Whooping Cough ...	2·54	2·82	2·25	2·68
Diphtheria	0·88	1·12	0·77	0·74
Erysipelas	0·31	0·35	0·27	0·42
Small Pox	—	—	—	—
Measles	9·88	9·23	9·77	9·17
Pneumonia	1·34	1·62	1·16	1·27
(a) Notifications.	Rates per 1,000 Total Births (Live and Still)			
Puerperal Fever ...	11·68	15·11	9·26	3·05
Puerperal Pyrexia ...				15·23
	No. 140 Abortion with Sepsis	No. 141 Abortion without Sepsis	No. 147 Puerperal Infections	Nos. 142—6 148—150 Other
(b) Maternal Mortality— England and Wales	0·34	0·11	0·39	1·45

Abortion: Mortality per million women aged 15-45—England & Wales

No. 140 with Sepsis

No. 141 without Sepsis

SURVEYOR'S REPORT.

The following particulars relate to the year 1943 :—

Water Supply.

	Gallons.
Supplied by the Derwent Valley Water Board ...	91,447,000
Pumped from Lea Hall Borehole	125,647,000
,, ,, South Wingfield Colliery	1,031,000
,, ,, Lindway Borehole	17,450,000
Supplied from impounding reservoirs	30,576,000
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Total ...	266,151,000
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The daily average was 729,181, or 45,598 gallons more than the average of the year before.

The following figures relate to the year ended 30th Sept., 1943, and are based upon the assumption that the population supplied by the Council is 18,570.

	Gallons per head per day.
For domestic and public purposes	24.22
For trade purposes	11.71
As compensation	2.67
	<hr/>
For all purposes	38.60
	<hr/>

As compared with the previous year there was an increase
under the domestic heading of .42 of a gallon.
under the t. heading .44 of a gallon.
under the c. heading 1.44 of a gallon.

Total increase	<hr/> 2.3 <hr/>
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The total rainfall last year was 24.87 inches, which is the smallest figure for 10 years and 6.86 inches less than the average of the previous 10 years. An inch of rain in 24 hours was not registered on one occasion, and there was, again, a noticeable absence of thunderstorms.

R. F. WARD.

Annual Report of the Sanitary Inspector.

To the Chairman and Members of the Public Health Committee.

Sir, Ladies and Gentlemen,

It is my privilege to present my Annual Report for the year 1943. The details are given under the various headings relating to various matters connected with the Public Health and Cleansing Services of the Urban Area. Certain items have been omitted in accordance with the instructions of the Ministry of Health, and the Report is set out in accordance with the Circulars issued by the Ministry. In spite of war-time difficulties the activities of the Department have been carried out with enthusiasm and zeal, and every endeavour made to give efficient service.

The Sanitary Officers Order, 1935, requires Sanitary Inspectors as soon as practicable after 31st December in each year to furnish the Medical Officer of Health with a Report upon their work during the year.

The details are as follows :—

Closets and Ashpits.							
				No of Inspections made by Sanitary Inspector.	No. of Notices Served Informal.	No. of nuisances abated with or with- Legal. out notice.	
Defective Privies, Pail Closets and Ashpits (not for conver- sion)	40	40	0	21			
Conversion of Privies to W.Cs.	0	0	0	0			
Conversion of Pail Closets to W.Cs.	17	17	0	17			
Conversion of Privies to Pail Closets	0	0	0	0			
Defective Water Closets	18	14	1	12			
Provision of Additional Water Closets	2	2	0	2			
Provision of Portable Ashbins	305	305	0	305			
Dirty Closets	8	8	0	8			
Drainage.							
No disconnection of Waste Pipe	0	0	0	0			
Defective Wastepipe, traps, inlets and drains	43	43	0	37			
Drains obstructed	50	50	0	47			
Miscellaneous Nuisances	32	32	1	29			

Other Defects.					
Paving of Courts and yards	20	20	0	13	
Roofs, eaves-spouts and down-spouts	127	127	1	93	
Sinks	8	8	0	5	
Insufficient Ventilation ...	18	18	1	16	
Windows	98	98	0	63	
Dampness	90	90	1	54	
Water in Cellars	8	8	0	7	
Water supply	17	17	0	6	
Overcrowding	8	8	0	1	
Foul condition of Houses ...	41	41	0	40	
Offensive Accumulations ...	18	18	0	18	
Animals improperly kept ...	4	4	0	4	
Pigsties	6	6	0	4	
Smoke nuisances	8	8	0	4	
Urinals	1	1	0	1	
Nuisances not specified above	473	473	0	339	
Other Miscellaneous Visits and Inspections	5388	0	0	0	
Totals ...	6848	1456	5	1146	

	No. on Inspections	Notices	Nuisances	
	Register.	made. Served.	abated with	or with-
			out notice.	notice.
Dairies, Cowsheds & Milkshops	68	329	21	21
Bakehouses	14	83	4	4
Slaughterhouses	21	74	0	0
Offensive Trades	5	53	0	0
Common Lodging Houses ...	1	3	0	0
Totals ...	109	542	25	25

SANITARY CIRCUMSTANCES OF THE AREA.

No. of Portable Ashbins emptied by Council	5851	
„ „ „ „ „ Butterley Co.	702	6553
„ „ Ashpits emptied by Council	171	171
„ „ Premises visited for collection of Trade Refuse	137	137

Nightsoil.

No. of Pail Closets emptied by Council...	1563	
„ „ „ „ „ Butterley Co.	336	1899
„ „ Closet Sumps emptied by Council ...	12	12
„ „ Privies emptied by owners	1	1
„ „ Water Closets in the area	5151	5151

Conversions.

No. of Pail Closets converted to Water Carriage				
System during the year	...	...	17	17
„ „ Additional Water Closets	...	...	2	2

Farms.

There are 50 farms in the area, 48 of which are on milk production. Regular inspections are made and during the year 21 notices were served relating to general nuisances and defects. All were abated and legal proceedings were not required.

NOTE.—The foregoing statistics were supplied to the County Medical Officer in March, 1944, for inclusion in his Annual Report.

Complaints Received during the Year.

The following information is extracted from the Complaint Book, all complaints are followed up as soon as possible after receipt:—

Animals improperly kept:—

Pigs 2, Fowls 1, Rabbits 1	...	...	...	4
Bad smells	...	...	...	10
Burst pipes	...	...	...	4
Choked sewer	...	...	...	1
Choked drains	...	...	...	27
Defective firegrate	...	...	...	2
„ Oven	...	...	...	1
„ Boiler	...	...	...	1
„ Bathroom	...	...	...	1
„ Roofs	...	...	...	6
„ Door and frame	...	...	...	3
„ Drains	...	...	...	8
„ Dust bins	...	...	...	5
„ Ceilings	...	...	...	1
„ Chimney pots	...	...	...	1
„ Floor boards	...	...	...	6
„ Inspection chambers	...	...	...	2
„ Wall plaster	...	...	...	2
„ Window	...	...	...	1
„ Taps	...	...	...	3
„ Pail closets	...	...	...	3
„ Water closets	...	...	...	10
„ Sinks, sink waste pipes and drainage...	...	...	...	5
Dampness	...	...	...	16
Cracked manhole	...	...	...	2
Dangerous footpath	...	...	...	1

Dirty houses	7
Flooding of cellars	3
„ sewer	1
Housing defects	20
Infestation of Houses—Bugs	5
„ „ Fleas	1
„ „ Mice	2
„ „ Rats	5—
Insufficient water supply	13
Kitchen waste nuisances	2
Leakage of gas	2
Milk souring, etc.	2
Nightsoil nuisances	12
Overcrowding	6
Refuse men not returning bin lids...	4
„ „ „ emptying dust bins	4
„ „ „ removing salvage	7
Sanitary arrangements	1
Smoke nuisances from greenhouses	1
Smoky chimneys	3
<hr/>	
Total	216

Petroleum Acts 1871—1928.

No. of licences issued to store Petroleum during 1943 ...	34
„ „ „ „ Carbide during 1943 ...	5
Total storage capacity for Petroleum Spirit	36,204 gallons.
„ „ „ „ Carbide of Calcium ...	1,176 lbs.
Fees collected in respect of Petroleum Licences	£22/15/-
„ „ „ „ Carbide Licences ...	£1/5/-

All underground tanks when installed are subjected to an air pressure test of 5 lbs. per square inch before approval. Inspections of all premises have been made from time to time and were found to be kept in accordance with the terms of the licence.

New Tanks Installed.

During the year a 1,000 gallon tank was installed at the Council's Depot, Market Place, Somercotes. In addition four other tanks were installed in the district with a total capacity of 3,500 gallons.

Shops Act, 1934.

The Shops Act Inspector has supplied me with the following information :—

Visits were made under the Shops Act, 1934, and the following visits under the Closing Act, 1928 :—

Alfreton	...	120	Codnor Park	...	30
Riddings	...	72	Somercotes	...	96
Swanwick	...	56	Pye Bridge	...	38
					Total visits 412

There were no complaints received under the Young Persons Act, and no prosecutions during the year.

The Public Cleansing Service.

The financial details relating to this service cover the financial year ending 31st March, 1944. The balances having been checked against the books kept by the Accountant. Every effort has been made to keep the cost down, and yet provide an efficient service.

HOUSE AND TRADE REFUSE COLLECTION.

During the year a regular weekly collection of refuse has been made covering all domestic and business premises in the area, with the exception of Codnor Park and Ironville, from which salvage only is collected by the Council. The Butterley Company being responsible for the collection of house refuse and nightsoil from this part of the district.

STAFF.

The Outdoor Staff consists of the following :—

Collection :

- 4 Motor Drivers.
- 8 Loaders.
- 4 Wheelers-out.
- 4 Bin Lads.

Disposal :

- 4 Men raking and sorting on face of tip.

Disposal and Salvage :

- 1 Working Foreman.
- 1 Carter removing salvage and carting soil.

Salvage :

- 2 Men baling paper and rags.
- (One of these employed part-time rat baiting).

Nightsoil Collection and Disposal :

- 1 Driver.
- 4 Loaders.

MOTORS.

Four Bedford Refuse Vehicles with salvage trailers of 10 cwts. capacity, are in use. In spite of the fact that there were no salvage drives during the year, the quantity of salvage collected was maintained at a high level. The details may be had on reference to costing report on services.

DISPOSAL OF HOUSEHOLD REFUSE.

All refuse collected is dealt with at the Council's controlled tip at Leabrooks. Everything possible has been done to lengthen the life of the tip by tipping in other parts of the district, where levelling has been requested by farmers and landowners. A scheme to fill up old pit shafts in the district has been approved by Council and as disused shafts are vested in The Coal Commission prior consent has to be obtained from this body before operations can commence.

During the year the Council purchased the brickyard site, Nottingham Road, Somercotes, to be used as a site for controlled tipping. The estimated tipping space is 107,731 cubic yards, and during the last three months of 1943, 4,535 cubic yards of refuse was deposited on the Leabrooks Tip, assuming this is a fair average, the life of a controlled tip on this site would be approximately six years.

Soil and clay will be a problem which will have to receive consideration, and I suggest that the site should be scraped. This would enable us to ensure a good finishing layer of soil being replaced as the tip advanced. Although this site is adjoining the main road, I feel sure that no nuisance would result.

At Leabrooks Tip all available soil is being replaced on the finished level and during the year approximatey two acres of oats were grown on the tip. The area will be gradually extended. The condition of the tip has been well maintained, and the Surveyor's Department improved the road surface from Crays Hill to the tip during the summer months.

Reclamation of Raw Materials.

During the four months commencing the 1st October, the Council participated in the £500 Waste Paper Competition. 44 tons 6 cwts. of paper was collected. Although the result is not outstanding, it served the purpose of maintaining the weight of paper collected during the previous four months, which was exactly the same figure. Usually there is a considerable decrease in the weight of paper collected during the winter months.

Decreases were shown in every grade of salvage collected with the exception of textiles compared with the previous year.

Trade Refuse.

The income from Trade Refuse has shown a slight decrease. This is due to the fluctuation in the revenue received from various firms who deposit trade refuse on the tip at a charge of 1s. per load.

Collection of Kitchen Waste.

The collection of Kitchen Waste has been very satisfactory and has proved to be a boon to the local pig-keepers. An arrangement was made with the Cleansing Superintendent of Derby Borough to concentrate all our excess waste and every effort has been made to persuade local pig-keepers who do not possess small sterilizing plants to purchase concentrated swill brought from the Cleansing Department of the Derby Borough Council.

The collection of Kitchen Waste in 1943 was 214 tons, 6½ cwts. as against 218 tons 1 cwt. in 1942.

Factory Act, 1937.

All references from the Factory Inspector received prompt attention and additions or deletions from the list of factories has been referred to him. Details of the work carried out under the above act are included in the Medical Officer's Report.

The list of factories, etc., in the area has been omitted in accordance with Ministry instructions.

Scabies Order, 1941.

During the year the Cleansing Centre at West Street, Riddings, has been in constant use. The staff consists of one female nurse and a general help. They have dealt with all cases occurring in the Alfreton and Ripley districts. The Joint Committee met three times during the year. No legal action has been necessary to enforce attendance for cleansing.

Three notices were served during the year, but the persons concerned reported for cleansing on receipt of the notice.

For details of treatments given during 1943, see Medical Officer's Report.

The film "The Treatment and Diagnosis of Scabies" was shown to the Medical and Nursing profession in the area during the year.

Tents, Vans and Sheds.

Strict supervision has been kept on all moveable dwellings in the area and only in one case has it been thought necessary to issue a licence for the occupation of land for a moveable dwelling, and in this instance the Council approved for the duration of the present emergency.

Certain work in the area has caused an increase in the number of unlicensed sites which are chiefly used by owners of trailer caravans, but as these people are constantly coming and going it is impracticable to licence them. Frequent visits are made to these sites and they are kept under observation.

Disinfestation of Verminous Persons and Premises.

14 cases of Verminous houses have been dealt with during the year, and in five cases legal notices were served on occupiers to cleanse and disinfest the house. In three cases the occupants were removed to the Public Assistance Institution for cleansing. The fumigation of the premises was carried out by the Public Health Department at the expense of the occupier, the method used being Sulphur Candles, and an approved insecticide. Verminous bedding and clothing being sent to Belper Isolation Hospital for steam disinfestation.

Quite a number of Firewatching premises became verminous, and in every case the same procedure as outlined above was carried out with regard to the clothing and bedding.

Housing Act, 1936.

	With State Assistance.	Unaided.	Total.
Houses erected during the year :			
(a) By Local Authority	0	0	0
(b) By other bodies or persons	0	0	0
1. Inspection of dwelling houses.			
i (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	...	386
(b) Number of inspections made for the purpose			517
2. Remedy of defects without service of Formal Notices.			
Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or its Officers	...	...	257

Legal proceedings were taken under the Public Health Act, 1936, in respect of a dwelling house deemed to be unfit for human habitation by reason of sanitary defects. Following non-compliance with the Statutory Notice to execute essential repairs the house was closed by order of the justices.

Overcrowding.

Many cases of overcrowding have come to my notice during the year, and the position grows steadily worse. This is due to the suspension of building, and the fact that growing families are marrying, either to reside with parents or to create overcrowding elsewhere. An overcrowding survey at the present time would be a revelation.

No Licences have been issued during the year in respect of overcrowding.

Inspection and Supervision of Food Supply.

This work covers the inspection of all premises in which food is prepared, stored or sold. Attention is given to the general cleanliness of the premises and the persons engaged in the preparation or sale of food.

Milk Supply.

Particular attention has been paid to the purity and keeping quality of the milk supply of the area during the year. I have collaborated with the Milk Testing and Advisory Board to the fullest possible extent. All farms were visited for the purposes of completing a questionnaire, and every source of supply was ascertained. The details were sent on to the Board. As a result all producers whose milk is sold by retail in this district is sampled by me. There are 37 such producers. All other milk sold wholesale to the Co-operative Societies and Dairy Companies are sampled by the Board. All samples are subjected to the Resazurin Test for keeping quality. From the commencement of the scheme, in August, 1943, until the 31st December, 132 samples were taken by me. All unsatisfactory samples have been followed up by an advisory visit to the farm, enquiries being made to ascertain the cause, advice being given and a check sample taken at a later date. A farm record card being completed and returned to the War Agricultural Executive Committee.

Milk and Dairies Acts and Orders.

The registration of dairymen, cowkeepers and all premises from which milk is sold is carried out under the Milk and Dairies Order, 1926. The details are as follows:—

Wholesale Producers	...	...	...	...	11
Producer Retailers	...	...	...	...	32
Retailers	...	...	...	...	11
Cow-keepers' Milk for Home Consumption	...				3
Producer Retailers with premises outside the district					13

During the year, cow-sheds have been entirely remodelled at the farms of C. E. Smith, Pennytown, Somercotes, and W. Burt, Lower Birchwood. Dairies have been provided at W. Armstrong's Farm, Somercotes, and T. Painter, Damsteads Farm, Alfreton. Most milk producers have installed coolers, and it is hoped that all producers will have had them installed in the near future.

Bacteriological Examination of Milk.

During the year, 78 samples of milk were collected either from farms or from vehicles of retailers in course of delivery.

Producer-Retailers in this district :—

Code No.	M.B. Test Hrs.	Coliform Tubes Pos.	t.b.	Code No.	M.B. Test Hrs.	Coliform Tubes Pos.	t.b.
1	1 U.	3 U.	Neg.	10 a	0 S.	0 S.	Neg.
2 a	0 S.	0 S.	"	b	0 S.	0 S.	Pos.
b	0 S.	0 S.	"	11 a	0 S.	0 S.	Neg.
3 a	0 S.	1 S.	"	12 a	0 S.	0 S.	"
b	0 S.	0 S.	"	b	0 S.	0 S.	"
4 a	0 S.	0 S.	"	13 a	0 S.	0 S.	"
b	0 S.	0 S.	"	b	1½ U.	1 S.	"
5 a	4½ U.	3 U.	"	14 a	0 S.	0 S.	"
b	0 S.	0 S.	"	b	4½ U.	0 S.	"
6	1 U.	3 U.	"	15	4 U.	2 U.	"
7 a	0 S.	0 S.	"	16	0 S.	0 S.	"
b	0 S.	0 S.	"	17	0 S.	0 S.	"
8 a	1½ U.	1 S.	"	18 a	0 S.	3 U.	"
b	0 S.	0 S.	"	b	0 S.	2 U.	"
9 a	0 S.	0 S.	"	19	4 U.	0 S.	"
b	0 S.	0 S.	"	20 a	0 S.	0 S.	"
				b	0 S.	0 S.	"
				21	0 S.	2 U.	"
				22 a	0 S.	0 S.	"
				b	0 S.	0 S.	"
				23	0 S.	0 S.	"
				24 a	0 S.	3 U.	"
				b	0 S.	0 S.	"

Wholesale Producers in this district :—

Code No.	M.B. Test Hrs.	Coliform Tubes	t.b.	Code No.	M.B. Test Hrs.	Coliform Tubes	t.b.
1 a	0 S.	0 S.	Neg.	10 a	4 U.	2 U.	Neg.
b	0 S.	0 S.	"	b	0 S.	0 S.	"
2	0 S.	0 S.	"	11 a	0 S.	0 S.	"
3	0 S.	0 S.	"	b	0 S.	0 S.	"
4	0 S.	0 S.	"	12	0 S.	0 S.	"
5 a	1½ U.	0 S.	"	13 a	4½ U.	0 S.	"
b	0 S.	0 S.	"	b	3 U.	3 U.	"
6 a	0 S.	0 S.	"	14	0 S.	0 S.	"
b	3 U.	3 U.	"	15 a	5½ U.	0 S.	"
7 a	1½ U.	3 U.	"	b	0 S.	0 S.	"
b	1½ U.	2 U.	"	16 a	0 S.	0 S.	"
8	0 S.	1 S.	"	b	0 S.	0 S.	"
9	0 S.	0 S.	"				

Producer-Retailers in this area, but with premises outside the district :—

1 a	0 S.	3 U.	Neg.	5	2½ U.	3 U.	Neg.
b	2½ U.	3 U.	"	6 a	4½ U.	3 U.	Pos.
2	0 S.	1 S.	"	b	2½ U.	3 U.	Neg.
3	0 S.	0 S.	"	7	0 S.	0 S.	"
4	0 S.	0 S.	"				

All unsatisfactory samples reported to the Sanitary Inspector of the district concerned.

Wholesale Producers with premises outside the area whose milk is retailed in this district :—

1	0	S.	3	U.	*	4	a	0	S.	0	S.	Neg.
2	0	S.	3	U.	Neg.		b	0	S.	0	S.	„
3	0	S.	3	U.	„							

*Guinea pig died. Information to Medical Officer of Health for the district concerned.

U = unsatisfactory.

S = Satisfactory.

All unsatisfactory samples referred to the Sanitary Inspector of the district concerned.

Once again I take the opportunity of thanking my colleagues in the adjoining Rural Districts for their co-operation by taking check samples at farms following unsatisfactory samples taken in this district.

I am indebted to Dr. Iredale and his staff at the County Laboratory for their kind assistance on many occasions.

Milk (Special Designations) Order, 1936, and 1938 :—

Two purveyors of pasteurised milk are licensed to distribute milk in this district.

Accredited Milk Producers :—

The following information has been supplied by the County Medical Officer :—

	Samples Taken.	
	Unsaty.	Satisfacty.
S. Durow, The Grange Farm, Butterley	1	3
R. C. A. Palmer-Morewood, Hall Farm, Alfreton	—	3
T. B. Unwin, Red Lion Farm, Riddings	—	3
W. Turner, Newlands Farm, Riddings	—	3
E. J. Clarke, Kennels Farm, Codnor Park	—	3

Inspection of Meat and Other Foods.

All animals are slaughtered in Government slaughter-houses, with the exception of pigs slaughtered under licence issued at the Local Food Office. During the year 98 pigs have been slaughtered and the carcasses inspected. According to the terms of the licence these pigs can be slaughtered anywhere, and used for human consumption, no matter what condition the carcase is in, as it is not for sale for human consumption. Legislation is long overdue to ensure adequate control over the slaughter of Cottagers' pigs at least in Urban Districts. We have 23 private slaughter-houses conveniently situated where all Cottagers' pigs could be slaughtered and properly inspected. At the present time pigs are being slaughtered in backyards, drains are being choked, and in some cases yards have been left for days without being cleansed after slaughter has taken

place. It is extremely difficult to persuade cottagers to surrender diseased portions of the carcasses even in advanced cases of tuberculosis, the usual request being to allow them to boil it up for the fowls. The possibility of diseased meat being used for human consumption should be entirely eliminated.

Cat and Dog Meat.

There is one establishment in the district where Cat and Dog Meat is sold. These premises are kept under constant observation to ensure that the provisions of the Livestock (Restriction on Slaughtering) (No. 2) Order are carried out.

Voluntary Surrender of Condemned Food.

During the year the following food has been condemned and surrendered to me :—

		lbs.	ozs.	lbs.	ozs.
614	Tins of Food, weighing ...	821	15		
16	Jars do. ...	16	0		
159	Bottles do. ...	24	4		
101	Packets do. ...	25	4		
	Bacon do. ...	2	15		
	Butter do. ...	17	6		
	Cheese do. ...	89	12		
	Powdered Egg do. ...	1	8		
	Fish do. ...	686	3		
	Sausage do. ...	24	0		
	Pork Chops do. ...	2	5		
	Dates do. ...	—	8		
	Onions do. ...	2579	8		
	Apple Rings do. ...	20	0		
	Beans do. ...	240	0		
	Prunes do. ...	29	0		
	Cake Mixture do. ...	180	0		
	Custard Powder do. ...	113	0		
	Porridge Meal do. ...	188	0		
	Tomatoes do. ...	33	0		
	Dog Food do. ...	4	0		

5,098 8

Boneless Hind-quarter Meat

	(Decomposition)	13	4
	Bacon	5	12
	Bread (Mouldy)	16	0
4	Pigs' Heads (T.B.)	68	0
6	„ Plucks („)	61	0
1	„ Midgeon („)	12	0

176 0

5,274 8

Total: 2 tons 7 cwts. 10 lbs. 8 ozs.

Food suitable for inclusion in our Kitchen Waste scheme is so dealt with, and diseased meat is sent for processing after being treated with a solution of Naphthalene Green. The disposal arrangements being first referred to the Salvage Officer of the Ministry of Food when the quantity warrants it.

Food and Drugs Act, 1938.

Sampling is undertaken by the County Council, and Mr. R. W. Sutton, B.Sc. F.I.C., F.C.S., the County Analyst, has supplied the following information :—

Eighty-one samples were taken under the above Act in the area of the Alfreton Urban District Council during the year 1943 46 of these samples being milks and 35 other foods

Of the Milk samples, six were classed as unsatisfactory. Four of these were deficient in fat, and the vendors were cautioned; two contained 12 per cent. of added water and proceedings were taken against the vendors concerned, with the following results :—

- (a) Successfully transferred the charge under Section 83 to his supplier, who was fined £10 and £13 8s. costs.
- (b) Fined £7 10s., including £5 5s. costs.

Of the samples of food other than Milk, three samples were reported against.

One " informal " sample of Zinc Ointment was deficient in Zinc Oxide. A " formal " sample was obtained and proceedings were instituted against a firm for giving false warranty to the vendor, the result being a fine of £10 and £4 18s. 6d. costs against the Warrantors.

One sample of Cocoa was found to be deficient in fat, contain excess shell and not to be ground to a satisfactory fineness and the vendors were cautioned.

Offensive Trades.

Although there are five Offensive Trades on the Register, all of which are tripe dressers, there is only one engaged on this work at present. 62 inspections of these premises have been made during the year. There has been no cause for complaint.

Places of Public Entertainment.

A systematic inspection of all places of public entertainment has been carried out in accordance with Circular 120 of the Ministry of Health.

It has not been necessary for me to appear before the Licensing Justices when application has been made for renewal of Licences.

Inspection of Offices.

Twenty-five visits have been made to offices in this district. One complaint of bad smells was traced to a defective drain under the building.

Disinfection.

Infectious disease enquiries are made following Notifications of Infectious Disease received from the Medical Officer of Health. 104 visits have been made during the year, and 94 premises have been disinfected. 10 classrooms have been disinfected during the year following minor outbreaks of infectious disease.

Notification of Defects to the Surveyor.

During the year 47 reports have been made to the Surveyor for his attention.

Food Decontamination.

Two squads are now fully trained, and regular practical exercises have been held. It is hoped to stage a demonstration for the Ministry of Food at an early date.

COSTINGS REPORT ON SERVICES.—Upkeep of Two Horses.

INCOME.		EXPENDITURE.	
Stables Account.	£ s. d.	£ s. d.	£ s. d.
Sale of Manure	... 1 6 0	Fodder	... 49 9 0
Hire of one horse to Surveyor	... 115 0 1	Bedding	... 2 2 0
Cost of one horse to Cleansing Dept.	... 115 0 1	Shoeing	... 15 11 3
		Gas	... 1 19 5
		Vet. Fees	... 3 0 0
		Sundries	... 2 17 6
		Ostler's Wages	... 87 13 5
			162 12 7
Haymaking Account.			5 16 0
Sale of one haystack	... 32 10 0	Cart and Harness Repairs	...
		Wages Cost	... 29 19 9
		Refreshments	... 2 9 3
		Repairs	... 1 0 3
		Sundries	... 0 9 4
			33 18 7
Farm Account.	£ s. d.	Rent of Field—Edwards	... 4 0 0
House Rent	... 26 0 0	Rates	... 5 1 3
Rent of Land—Gash	... 21 10 0	Water Rates	... 2 4 3
Rent of Orchard—Smith...	... 3 0 0	Income Tax	... 6 6 10
		Principal and interest	...
		repayment on farm	... 94 6 8
			111 19 0
			£314 6 2

MOTORS ACCOUNT.

	Bedford 5.	Bedford 6.	Bedford 7.	Bedford 8.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Drivers' Wages ..	133 11 0	197 2 2	316 12 0	286 15 1
Petrol ..	109 1 8	100 0 2	148 13 8	133 11 2
Oil ..	7 7 2	9 13 2	10 16 1	8 18 3
Insurance ..	8 5 0	8 5 0	8 5 0	8 5 0
Depreciation ..	25 0 0	25 0 0	25 0 0	25 0 0
Licences ..	30 10 0	35 5 0	30 10 0	30 5 0
Repairs ..	170 17 5	27 5 1	30 4 7	28 18 8
Tyres ..	11 12 6	5 10 0	29 12 11	11 12 6
Garage Rent ..	4 17 6	4 17 6	4 17 6	4 17 6
Cleaning ..	3 2 9	5 0 1	4 5 10	9 3 4
Sundries ..	3 17 6	2 7 8	4 2 4	1 12 4
	<u>508 2 6</u>	<u>420 5 10</u>	<u>612 19 11</u>	<u>548 18 10</u>

Allocation of Expenditure on Motors.

Service—

	Bedford 5.	Bedford 6.	Bedford 7.	Bedford 8.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
House Refuse Collection ..	430 16 5	351 19 0	443 12 10	322 14 1
Trade Refuse Collection ..	30 4 0	23 10 7	4 2 3	78 1 0
Salvage ..				8 7
Nightsoil Collection ..			114 16 11	88 18 9
Kitchen Waste ..	47 2 1	44 16 3	50 7 11	58 16 5
	<u>508 2 6</u>	<u>420 5 10</u>	<u>612 19 11</u>	<u>548 18 10</u>

House Refuse Collection Account.

Cost of refuse removed by motors :—

	Tons.	£ s. d.
Bedford No. 5 removed 1552 at a cost of		430 16 5
„ No. 6 „ 2080 „		351 19 0
„ No. 7 „ 2694 „		443 12 10
„ No. 8 „ 2441 „		322 14 1
	<u>8767</u>	<u>1549 2 4</u>
1942:	<u>9757</u>	<u>1465 0 2</u>

The wages of the loaders were £2,498 3s. 8d., which, together with £1,549 2s. 4d. cost of Motors, gives a figure of 9s. 2 $\frac{3}{4}$ d. per ton for collection, as compared with 7s. 0 $\frac{1}{2}$ d. per ton in 1942.

Trade Refuse Account.

Expenditure :—

	£ s. d.
Hire of lorries ..	135 17 10
Loaders' Wages ..	143 14 11
	<u>279 12 9</u>

Income :—

Trade Refuse	...	...	...	44	12	8
				<hr/>		
				£235	0	1

1942:—£258 3s. 7d.

694 Tons of Trade Refuse were collected at a cost of 6s. 9 $\frac{1}{4}$ d. per ton as compared with 6s. 8d. per ton in 1942.

House Refuse Disposal Account.

Expenditure :—

	£	s.	d.
Wages on Tip	1021	9	9
Principal and interest repayment on Leabrooks Tip	41	15	9
Income Tax	2	17	9
Rates	3	19	10
Sundries	7	9	0
<hr/>			
	£1,077	12	1

Income :—

	£	s.	d.	£	s.	d.
Sale of Pea Sticks	1	7	0			
Sale of Potatoes	0	6	0			
<hr/>				1	13	0
				<hr/>		
				£1,075	19	1

1942:—£791 0s. 1d.

9461 tons of Refuse were disposed of at a cost of 2s. 3 $\frac{3}{4}$ d. per ton as compared with 1s. 6d. in 1942.

Salvage Account.

	£	s.	d.
Wages (Kitchen Waste)	248	4	1
Wages (Salvage)	339	15	9
Rates	1	14	2
Repairs to Baling Press	1	6	8
Carriage and cartage on Salvage	124	9	8
Sundries	10	10	6
Electricity	2	15	3
31 Dust Bins	25	11	6
Income Tax on Garage, Stewart Street, Riddings	1	17	6
<hr/>			
	£756	5	1

1942:—£1,044 16s. 0d.

The income is :—

	Tons.	Cwts.		£	s.	d.
Paper	138	15 $\frac{1}{4}$	...	1035	14	1
Black Scrap	24	19 $\frac{1}{4}$	...	54	0	8
Baled Tins	82	17	...	141	17	7
Non-Ferrous Metals ...	1	2 $\frac{1}{2}$	...	29	7	11
Textiles	19	9 $\frac{1}{4}$	...	249	15	1
Bottles and Jars ...	22	13	...	130	1	10
Cullet	27	17	...	41	15	6
Rubber	4	17	...	12	2	6
Bones	11	10 $\frac{3}{4}$	...	54	16	1
Miscellaneous Salvage	—	2 $\frac{1}{4}$	...	2	9	8
Kitchen Waste ...	214	6 $\frac{1}{2}$	...	321	9	9
	548	9 $\frac{3}{4}$	...	2073	10	8
1942 :—	692	8	...	2672	12	3

Rats and Mice Infestation Order.

Expenditure :—

	£	s.	d.	£	s.	d.
Rat Bait	2	7	3			
Wages	32	19	6			
				35	6	9

Income :—

Charge for baiting infested premises	0	12	9
--------------------------------------	---	----	---

Total Expenditure £34 14 0

Nightsoil Collection and Disposal Account.

Collection :—

	£	s.	d.
Loaders' Wages	732	16	10
Lorry Hire	203	15	8
Sundries	14	16	11
	£951	9	5

Income :—

	£	s.	d.	£	s.	d.
Sale of Nightsoil ...	0	5	0			
Emptying of Cesspool	2	10	0			
				2	15	0

948 14 5

1942 :—£1,192 1s. 8d.

Disposal :—

Rent of Bullock Lane Tip	...	...	3	0	0
Wages	...	...	4	13	9
			<hr/>		
			£7 13 9		

1942:—£16 14s. 10d.

2,491 Tons of Nightsoil were collected at a cost of 7s. 7½d. per ton and disposed of at ¾d. per ton, giving a combined figure of 7s. 8¼d. per ton, as compared with £1 0s. 6½d. per ton in 1942.

Combined Costing.

Collections of wet and dry refuse:—

	Tons.	£	s.	d.
Motors	8,767	4047	6	0
Nightsoil	2,491	948	14	5
Trade Refuse	694	235	0	1
<hr/>		<hr/>		
11952		5231	0	6
<hr/>		<hr/>		
1942 :—	11709	£4880	19	1

This gives a figure of 8s. 9d. per ton as compared with 8s. 4d. per ton in 1942.

In conclusion, I would like to thank the Chairman, Councillor G. W. Hardy, and the members of the Public Health Committee for their interest and confidence during the year. The Medical Officer of Health, Dr. S. O. Bingham, the Clerk to the Council, Mr. C. F. R. Cleaver, and other Officials for their co-operation.

I would also like to express my thanks to Miss J. Spencer, Clerk and Shorthand typist, for her splendid work during the year, and for her assistance in the compilation of this report; the Costing Report on Services being entirely her work, the figures having been checked against records kept by the Accountant, Mr. H. Taylor.

The Foreman and Members of the Outside Staff have rendered good service on the work of Salvage, Refuse, and Nightsoil collection and disposal. The work has been carried out in a satisfactory manner and the essential services have been again maintained at a high standard considering war-time difficulties.

I am, Sir, Ladies and Gentlemen,

Your obedient Servant,

E. MERCER.





